

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2587	422/100.ccls.	USPAT	OR	OFF	2008/12/01 16:19
S3	541	S2 and dam\$	USPAT	OR	OFF	2008/12/01 16:20
S4	129	S2 and dam\$ and (sample near4 (carrier or hold\$))	USPAT	OR	OFF	2008/12/01 16:21
S5	84	S2 and microfluidic and (channel or tube) and dam\$	USPAT	OR	OFF	2008/12/01 16:23
S6	205	S2 and microfluidic and (channel or tube) and (dam\$ or block\$)	USPAT	OR	OFF	2008/12/01 16:27
S7	210	S2 and microfluidic and (channel or tube) and (dam\$ or block\$ or impedance)	USPAT	OR	OFF	2008/12/01 16:28
S8	3730	422/100.ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:32
S17	425	S8 and microfluidic and (channel or tube) and (dam\$ or block\$ or impedance)	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:35
S18	213	S17 not S11	US-PGPUB; USPAT	OR	OFF	2008/12/02 07:35
S19	3730	422/100.ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/02 08:05
S20	46	S19 and microfluidic and (channel or tube) and (dam\$ or block\$ or impedance) and (lyse or burst)	US-PGPUB; USPAT	OR	OFF	2008/12/02 08:06
S22	30	S19 and (carrier or hold \$) same (lyse or lysis or burst or melt)	USPAT	OR	OFF	2008/12/02 08:32
S23	3730	422/100.ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/02 09:36
S25	111	S23 and (gate or dam\$ or trap) and (lyse or burst or cleave)	US-PGPUB; USPAT	OR	OFF	2008/12/02 09:36

S26	2	S23 and (gate or dam\$ or trap) same (lyse or burst or cleave)	US-PGPUB; USPAT	OR	OFF	2008/12/02 09:37
S27	36	S25 and microfluidic	US-PGPUB; USPAT	OR	OFF	2008/12/02 09:37
S28	24	( "20020150938"   "20020160363"   "20020181837"   "20030159999"   "20030186426"   "20030187237"   "20030198575"   "20040012778"   "20050048581"   "4893886"   "5100627"   "5304487"   "5427663"   "5587128"   "5620857"   "5674743"   "5776674"   "6049380"   "6083761"   "6159749"   "6514767"   "6602702"   "6696022"   "6863406").PN. OR ("7442339").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 09:42
S29	276	( "3799742"   "4233029"   "4302313"   "4618476"   "4790640"   "4824247"   "4886761"   "4908112"   "4911782"   "4963498"   "5135720"   "5147606"   "5176203"   "5188963"   "5270183"   "5296375"   "5304487"   "5346672").PN. OR ("5587128").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 09:46
S30	20	( "5079169"   "5356776"   "5427663"   "5538898"   "5599664"   "5707797"   "5795782"   "5837115"   "5840862"   "5846724"   "5846832"   "5851769").PN. OR ("6696022").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 09:50

S31	1	"6783647".pn.	USPAT	OR	OFF	2008/ 12/ 02 10: 15
S32	20	("4676274"   "5304487"   "5858187"   "5858195"   "6001229"   "6033546"   "6043066"   "6071394"   "6110343"   "6120666"   "6231737"   "6287831"   "6322683"   "6544734"   "6572830").PN. OR ("6783647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 15
S33	17	("4676274"   "5304487"   "5858187"   "5858195"   "6001229"   "6033546"   "6043066"   "6071394"   "6110343"   "6120666"   "6231737"   "6287831"   "6322683"   "6544734"   "6572830"   "6783647"   "6787339").PN. OR ("7419575").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 19
S34	430	microfluidic and (gate or filter or membrane) same (lyse or lysis or burst)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 20
S36	315	S34 and (laser)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 20
S37	91	microfluidic and (gate or filter or membrane) near4 (lyse or lysis or burst)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 21
S38	785	microfluidic and sample near4 (carrier or plug or holder or wax) and (gate or filter or membrane)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 29
S39	13	microfluidic and sample near4 (wax) and (gate or filter or membrane)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/ 12/ 02 10: 29

S40	13	microfluidic and sample near4 (wax) and (gate or filter or membrane or valve or constric\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 10:30
S41	322	microfluidic and (sample or analyte) near4 (carrier or wax) and (gate or filter or membrane or valve or constric\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 10:31
S43	433	microfluidic and (sample or analyte) near4 (plug or wax) and (gate or filter or membrane or valve or constric\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:12
S44	265	microfluidic and (sample or analyte) near4 (plug or wax) and (gate or valve or constric\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:12
S45	5	microfluidic and (sample or analyte) near4 (plug or wax) near4 (gate or valve or constric\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:12
S46	628	microfluidic and (sample or analyte) near4 (gate or valve or constric\$) and (heat\$ or laser)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:14
S47	85	microfluidic and (sample or analyte) near4 (gate or constric \$) and (heat\$ or laser)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:14
S48	5	microfluidic and (sample or analyte) near4 (gate or constric \$ or trap) near4(heat\$ or laser)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:16
S49	376	microfluidic and (laser or optical) same (tweezer or trap)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:18

S50	243	microfluidic and (laser or optical) same (tweezer or trap) and (constrict\$ or gate or dam\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:18
S51	10	microfluidic and (laser or optical) same (tweezer or trap) same (constrict\$ or gate)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:19
S52	176	microfluidic and (laser or optical) same (tweezer or trap) and (constrict\$ or gate or grat\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:22
S53	24	microfluidic and (lysis near3 (heat or laser))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 11:28
S56	2	microfluidic and (lysis near3 (heat or laser)) same (constrict\$ or gate or grat\$ or valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:11
S57	4	microfluidic and (lysis near3 (heat or laser)) same (constrict\$ or gate or grat\$ or valve or filter or trap or membrane)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:11
S58	4	microfluidic and (lysis near3 (heat or laser)) same (constrict\$ or gate or grat\$ or valve or filter or trap or membrane or impedance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:13
S60	10	microfluidic and lysis same (heat and laser)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 14:16
S61	138	microfluidic and lysis same (heat)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 14:16
S62	12	(microfluidic or microchip) and (lysis same (heat and laser))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 14:16
S63	3	"20020142482"	US-PGPUB; USPAT	OR	OFF	2008/12/05 07:38
S64	2591	422/100.ccls.	USPAT	OR	OFF	2008/12/05 08:08

S65	95	S64 and microfluidic and (channel or tube) and (dam\$ or gate)	USPAT	OR	OFF	2008/ 12/ 05 08:08
S66	13	S64 and microfluidic and (channel or tube) near6 (dam\$ or gate)	USPAT	OR	OFF	2008/ 12/ 05 08:09
S67	0	S64 and microfluidic and (channel or tube) near6 (damming)	USPAT	OR	OFF	2008/ 12/ 05 08:14
S68	0	S64 and microfluidic and (damming)	USPAT	OR	OFF	2008/ 12/ 05 08:14
S69	0	microfluidic and (damming)	USPAT	OR	OFF	2008/ 12/ 05 08:14
S70	161	microfluidic and column same (gate or grate or dam\$ or block \$)	USPAT	OR	OFF	2008/ 12/ 05 08:15
S71	938	microfluidic and (sample or analyte) same (carrier or complex)	USPAT	OR	OFF	2008/ 12/ 05 08:23
S72	2	microfluidic and (sample or analyte) same (carrier or complex) same melt	USPAT	OR	OFF	2008/ 12/ 05 08:23
S73	100	microfluidic and (sample or analyte) near4 (carrier)	USPAT	OR	OFF	2008/ 12/ 05 08:25
S74	5	microfluidic and (sample or analyte) near4 (carrier) same (wax or polymer)	USPAT	OR	OFF	2008/ 12/ 05 08:25
S75	1	"20060258012"	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:30
S76	445	lysis near2 heat\$	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:30
S77	65	S76 and (microfluidic or microchip)	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:31
S78	2110	lysis near4 (ph or acid or base)	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:38
S79	162	S78 and (microfluidic or microchip)	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:39
S80	1111	lysis near4 (ph or acidic)	US-PGPUB; USPAT	OR	OFF	2008/ 12/ 05 09:40

S81	44	S80 and (microfluidic or microchip)	US-PGPUB; USPAT	OR	OFF	2008/12/05 09:40
S82	1	"6491872".pn.	US-PGPUB; USPAT	OR	OFF	2008/12/05 09:45
S83	95	lysis near4 ((ph or acidic) and (temperature or heat))	US-PGPUB; USPAT	OR	OFF	2008/12/05 09:46
S84	8	S83 and (microfluidic or microchip)	US-PGPUB; USPAT	OR	OFF	2008/12/05 09:46
S85	26	lysis near4 ((ph or acidic) near6 (temperature or heat))	US-PGPUB; USPAT	OR	OFF	2008/12/05 09:48

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Microchip Sampling Method.wsp